

Government Data Analytics Center

Joint Legislative Oversight Committee on
Unemployment Insurance

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What is Business Intelligence and the GDAC?

Business Intelligence

Business intelligence is a broad category of tools, applications and technologies that support gathering, analyzing, and accessing data to improve business decision making. Business intelligence may include data mining, query and reporting, analytical and statistical analysis, forecasting and relationship analysis.

Government Data Analytics Center (GDAC)

The GDAC is an enterprise program to promote the use of North Carolina's data as an asset to support business decisions. The GDAC will foster interagency collaboration among and between the branches of governments and their sub-units to establish statewide standards for BI initiatives and to improve data sharing, quality and consistency. It will facilitate identification of enterprise technologies and tool-sets, seek to improve efficiency and effectiveness in enterprise BI efforts and help prioritize BI project implementation.

Current Status:

- Operations and maintenance of CJLEADS
- Development and implementation of fraud and compliance alerts – NC FACTS
- Development and implementation of reporting and analytics - GDAC



NC FACTS

The **North Carolina Financial Accountability and Compliance Technology System (NC FACTS)** program provides an enterprise process to detect fraud, waste, and improper payments and compliance analysis and alerts.

Objectives

- To coordinate with State agencies to identify fraud and compliance data, analytic and reporting needs
- To set priorities for developing and implementing potential solutions
- To develop, deploy and maintain enterprise fraud and compliance solutions
- To coordinate with State agencies to recommend program resources necessary to address incidents of fraud or compliance issues identified by the system

Approach

- Receive data and perform exploratory data analysis
- Provide “quick hit” analysis and results
- Develop advanced analysis
- Support retrospective analysis as well as point of service



NC FACTS

Preliminary Results

- Undocumented Succession - employers moving employees to another company in order to avoid taxes
 - Alerts Identified: 335 cases
 - Results: **12** cases analyzed for a total of **\$1,566,300**
- Fictitious Business - fictitious companies established, claimants draw unemployment based upon wages from the fictitious company - about 90 cases shared
 - Alerts Identified: 15 cases, 169 claimants involved
 - Results: **5** cases analyzed
 - Paid to date: **\$228,523** in UI claims
 - Potential cost avoidance: **\$838,017** by stopping payments
- Unemployment claims and eligibility - over 830 alerts associated with potentially improper or fraudulent unemployment insurance claims have been identified including payments to individuals who are deceased, incarcerated in prison or jail, or receiving wages from an employer.
 - Overpayments – Jail \$66,255
 - Overpayments – Deceased \$36,798
 - Claims has taken special action on claims associated with the fictitious businesses identified above

Disposition ▾

Search



| Filters | | Entity Score | Employer Name | Employer Account Number | Alert Type | Individuals Involved | Disposition Status | Amount of Claims | + |
|--------------------------|--|--------------|----------------------------------|-------------------------|------------------------|----------------------|--------------------|------------------|---|
| | | | | | | | | | |
| <input type="checkbox"/> | | 98 | | 404 | Fictitious Business | 24 | New | \$90,411.00 | ^ |
| <input type="checkbox"/> | | 98 | | 368 | Fictitious Business | 8 | New | \$84,530.00 | |
| <input type="checkbox"/> | | 98 | | 314 | Fictitious Business | 14 | New | \$47,080.00 | |
| <input type="checkbox"/> | | 98 | | 387 | Fictitious Business | 15 | New | \$361,125.00 | |
| <input type="checkbox"/> | | 98 | | 057 | Fictitious Business | 23 | New | \$32,635.00 | |
| <input type="checkbox"/> | | 98 | | 989 | Fictitious Business | 8 | New | \$192,600.00 | |
| <input type="checkbox"/> | | 98 | | 341 | Fictitious Business | 17 | New | \$18,862.00 | |
| <input type="checkbox"/> | | 98 | | 305 | Fictitious Business | 20 | New | \$16,800.00 | |
| <input type="checkbox"/> | | 98 | | 452 | Fictitious Business | 10 | New | \$114,490.00 | |
| <input type="checkbox"/> | | 96 | Employer Names will display here | 759 | Undocumented - Matched | 66 | Transfer | \$8,911.79 | |
| <input type="checkbox"/> | | 96 | | 722 | Undocumented - Matched | 12 | Transfer | \$8,895.62 | |
| <input type="checkbox"/> | | 96 | | 337 | Undocumented - Matched | 101 | Transfer | \$8,231.85 | |
| <input type="checkbox"/> | | 96 | | 697 | Undocumented - Matched | 10 | New | \$7,656.47 | |
| <input type="checkbox"/> | | 96 | | 964 | Undocumented - Matched | 15 | Assign | \$7,522.92 | |
| <input type="checkbox"/> | | 96 | | 469 | Undocumented - Matched | 67 | Assign | \$6,019.44 | |
| <input type="checkbox"/> | | 96 | | 899 | Undocumented - Matched | 23 | Assign | \$5,814.74 | |
| <input type="checkbox"/> | | 96 | | 383 | Undocumented - Matched | 15 | Assign | \$5,793.02 | |
| <input type="checkbox"/> | | 96 | | 864 | Undocumented - Matched | 13 | Assign | \$5,694.46 | |
| <input type="checkbox"/> | | 96 | | 705 | Undocumented - Matched | 29 | New | \$5,669.22 | |
| <input type="checkbox"/> | | 96 | | 492 | Undocumented - Matched | 48 | New | \$5,185.64 | |

Details SAS Social Network Analysis

Employer Name: [Displays Employer Name](#)**Employer Account Number:****FEIN:****Businesses Involved:** 1**Individuals Involved:** 24**Amount of Claims:** \$96,280.00**Documents Available:****Alert Type:** Fictitious Business**Assignee:****Disposition Status:****Disposition Reason:****Alert Created:** 10/31/2013

Triggered Flags

Triggered Flags

Flags

More than one report was submitted in 30 days

More than 20% of all employees have filed claims

More than two out of state claims have been filed against the employer

Tax account liability date is 5+ quarters prior to creation date

At least one benefit claim was filed in the 60 days after tax account creation date

At least one benefit claim was filed in the 60 days after first add/change date

Employer paid less than 25% of taxes owed

Employer's latest ERA balance is negative, 0, or missing

Employer has no predecessors

1 - 10 of 10 results

< 1 1 > 10 ▾

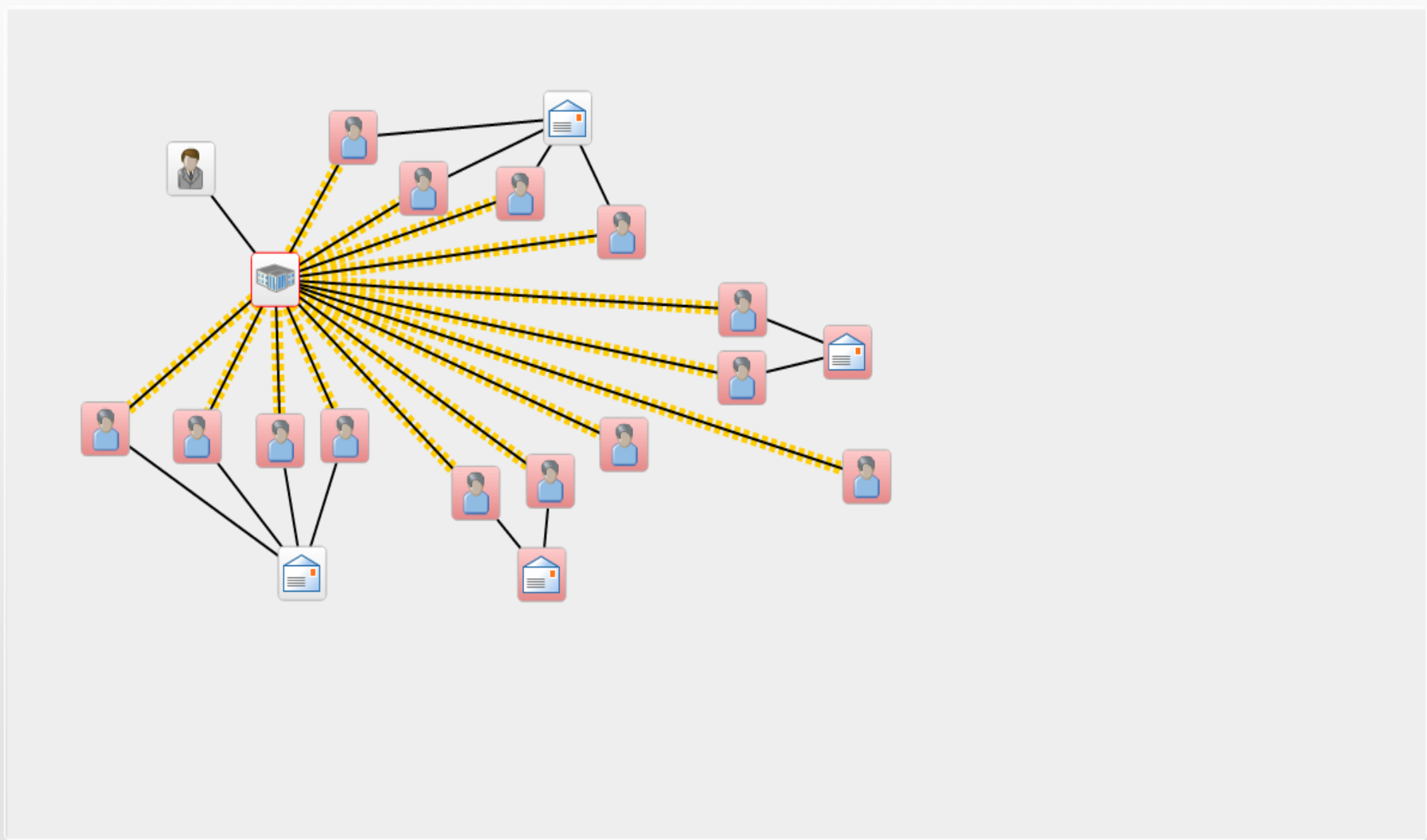
Fictitious Business Fictitious Claims Owner/Officer Addresses Company Contact Disposition History

| Employer Name | Employer Account Number | FEIN | Account Status | Legal Action | Number of Employees | Average Quarter Wages | First Claim Filed Date | First Quarterly Processed Date | Last Quarterly Processed Date | Creation Date | Liability Date | Created By | Origin Code | Taxes Due | Taxes Paid | NAICS + |
|--|-------------------------|------|----------------|--------------|---------------------|-----------------------|------------------------|--------------------------------|-------------------------------|---------------|----------------|------------|-------------|-----------|------------|-----------|
| Displays Employer Name | | | ACTIVE | M | 24 | \$373,695.00 | 06/23/2013 | 06/21/2013 | | 05/20/2013 | 01/15/2012 | | 01 | \$10,360 | \$0.00 | Landscapi |

| First Qtr Wage Filed Date | Benefit Year Begin Date | Claimant Name | SSN | Base Period Ave Qtr Wage | Benefit Weeks Paid | Total Benefits Paid | Filing Method | Payment Method | Claim Type | Address | Address Link |
|---------------------------------|-------------------------------|-----------------------------------|-------------------------------------|-----------------------------|--------------------------|------------------------|-------------------------------------|---------------------|------------------------------|---|---------------------|
| 04/26/2012 | 01/01/2012 | Claimant name displays here | Claimant SSN displays here | \$5,962.00 | 18 | \$4,950.00 | EMPLOYER FILING (ATTACHED CLAIM) | DEBIT CARD | | Claimant Address displays here | |
| 04/26/2012 | 01/06/2013 | | | \$4,327.00 | 10 | \$2,500.00 | EMPLOYER FILING (ATTACHED CLAIM) | DEBIT CARD | ATTACHED PARTIAL CLAIM | | Map |
| 04/26/2012 | 01/01/2012 | | | \$5,674.00 | 18 | \$4,014.00 | EMPLOYER FILING (ATTACHED CLAIM) | MULTIPLE METHODS | | | |
| 04/26/2012 | 01/06/2013 | | | \$4,400.00 | 12 | \$3,000.00 | EMPLOYER FILING (ATTACHED CLAIM) | DEBIT CARD | ATTACHED PARTIAL CLAIM | | Map |

Filters

Properties





NC FACTS

Status

- Division of Employment Security – unemployment insurance
 - Employer compliance analysis – target deployment December 2013
 - Benefit payment analysis – target deployment January 2014
- NC Industrial Commission – workers' compensation insurance
 - Coverage compliance analysis – target deployment Q3 FY 2014